

What is Claimed is:**1. A receptacle connector assembly, comprising:**

a connector housing having a top surface, a bottom surface, and a peripheral wall located between the top surface and bottom surface;

5 a plurality of terminals mounted in the connector housing and extending from the peripheral wall;

a shielding member removably attached to the top surface of the connector housing and having a portion extending over the terminals; and

10 a supporting member removably attached to the connector housing and covering the portion of the shielding member extending over the terminals.

2. The receptacle connector assembly according to Claim 1, wherein the shielding member includes a plurality of positioning pins, and the connector housing is formed with a plurality of openings at locations corresponding to the positioning pins for insertion of the positioning pins.

15 3. The receptacle connector assembly according to Claim 2, further comprising a locking mechanism for removably locking the shielding member to the connector housing.

4. The receptacle connector assembly according to Claim 3, wherein the locking mechanism comprises:

20 a plurality of resilient tabs formed on the shielding member; and

a plurality of protrusions formed on the connector housing at locations corresponding to the resilient tabs to be removably locked to the protrusions.

25 5. The receptacle connector assembly according to Claim 1, further comprising a mounting mechanism for removably mounting the supporting member to the connector housing.

6. The receptacle connector assembly according to Claim 5, wherein the mounting mechanism comprises:

a pair of posts symmetrically arranged on the top surface at two opposing ends of the connector housing; and

a pair of holes formed on the supporting member at locations corresponding to the posts for insertion of the posts.

5 7. The receptacle connector assembly according to Claim 6, wherein the posts serve as rivets to secure the supporting member on the connector housing.

10 8. The receptacle connector assembly according to Claim 5, wherein the mounting mechanism comprises: a recess formed at each of two opposing ends of the connector housing for press-fitting opposing ends of the supporting member.

15 9. The receptacle connector assembly according to Claim 6, wherein the mounting mechanism comprises: a recess formed at each of two opposing ends of the connector housing for press-fitting opposing ends of the supporting member.

10. The receptacle connector assembly according to Claim 1, wherein the supporting member is made of an insulating material.

11. The receptacle connector assembly according to Claim 10, wherein the supporting member is made of plastics.

20 12. An IC card connector, comprising:

a header having a top surface, a bottom surface, and a peripheral wall located between the top surface and bottom surface;

a metal shield mounted over a portion of the top surface of the header;

25 a plurality of terminals mounted in the header and extending from the peripheral wall;

a shielding member removably attached to the top surface of the header and having a portion extending between the shield and the terminals; and

a supporting member removably attached to the header and extending between the metal shield and the shielding member.

13. The IC card connector according to Claim 12, wherein the shielding member includes a plurality of positioning pins, and wherein the header is formed with a plurality of openings at locations corresponding to the positioning pins for insertion of the positioning pins.
- 5 14. The IC card connector according to Claim 13, further comprising a locking mechanism for removably locking the shielding member to the header.
15. The IC card connector according to Claim 14, wherein the locking mechanism comprises:
a plurality of resilient tabs formed on the shielding member; and
10 a plurality of protrusions formed on the header at locations corresponding to the resilient tabs to be removably locked to the protrusions.
16. The IC card connector according to Claim 11, further comprising a mounting mechanism for removably mounting the supporting member to the header.
- 15 17. The IC card connector according to Claim 16, wherein the mounting mechanism comprises:
a pair of posts symmetrically arranged on the top surface at two opposing ends of the header; and
a pair of holes formed on the supporting member at locations
20 corresponding to the posts for insertion of the posts.
18. The IC card connector according to Claim 17, wherein the posts serve as rivets to secure the supporting member on the header.
19. The IC card connector according to Claim 16, wherein the mounting
25 mechanism comprises: a recess formed at two opposing ends of the header for press-fitting opposing ends of the supporting member.
20. The IC card connector according to Claim 17, wherein the mounting mechanism comprises: a recess formed at two opposing ends of the header for press-fitting opposing ends of the supporting member.
21. The IC card connector according to Claim 12, wherein the supporting

member is made of any insulating materials.

22. The IC card connector according to Claim 21, wherein the supporting member is made of plastics.